

MEETING MINUTES FROM THE
MARICOPA ASSOCIATION OF GOVERNMENTS
STANDARD SPECIFICATIONS AND DETAILS COMMITTEE

February 4, 2004
Maricopa Association of Governments Office, Cholla Room
302 North First Avenue
Phoenix, Arizona

AGENCY MEMBERS

David Fern, Chandler	Keith Kesti, Peoria
Mark Weiner, Gilbert	Jeff Van Skike, Phoenix (St. Trans.)
Pat Thurman, Glendale	*Troy Hayes, Phoenix (Water)
* David Ramirez, Goodyear	Rod Ramos, Scottsdale
Robert Herz for Ted Collins, MCDOT	*Brett Huskey, Surprise
Steven Borst, MCESD	James Bond, Tempe
Doug Davis, Mesa	

ADVISORY MEMBERS

John Ashley, ACA	*Brian Gallimore, AGC
* Baird Fullerton, ACEC	Peter Kandaris, SRP
Jeff Benedict, ARPA	Paul Nebeker, NUCA
* Don Green, ARPA	*Tom Domizi, NUCA
* Jim Grose, AGC	

MAG ADMINISTRATIVE STAFF

Paul Ward

* Members not attending or represented by proxy.

GUESTS/VISITORS

Richard Barge, American Ductile Iron Pipe	Stew Waller, Rinker Materials
Tommy Thomas, Ameron International	Michael Hook, Hanson Pipe & Products, Inc.

1. Call to Order

The meeting was called to order at 1:39 p.m.

2. Approval of Minutes

The members reviewed the minutes from the meeting of January 7, 2004. David Fern introduced a motion for a vote on the minutes as written. Pat Thurman seconded the motion. A voice vote of all ayes and no nays was recorded.

3. 2003 Carry Over Case:

- a. **Case 03-03 - Details 252, 253 & 254 - Bus Bays:** Bob Herz requested to table this case until next month.

4. 2004 New Cases

- a. **Case 04-01 - Detail 230 - Sidewalk:** Bob Herz, on behalf of Ted Collins, presented a case to delete the 4-foot sidewalk leaving only the 5' S/W as the only option. The reason for this case is to be in compliance with ADA. Also, a 5' S/W will allow a wheel chair to preform an U-turn safely. Paul Nebeker questioned the implication of the detail when placing small pieces of 5-foot sidewalk next to existing 4-foot sidewalks. Bob intended that the 5' S/W will be enforced however, some agencies indicated that they may provide waivers. Each location will need to be reviewed separately. Steve Borst question the locations where the detail will be used (public R/W or private) and if the detail will generate any utility problems. The detail will be used in public rights-of-way and in general, the members did not see a problem with utilities. However, Doug noted that on residential streets in Mesa, the street lights are tight between the back of the 4' sidewalk and the right-of-way.
- b. **Case 04-02 - Detail (new) - handrails:** Bob Herz, on behalf of Ted Collins, presented a case to include a new detail for handrails around head walls and other structures. Doug believes that ADA requires 4" clearance between horizontal members when placed in a public setting and 12" in an industrial setting. He will check further and get back with Bob. James Bond noted that the hand rails shown are painted and suggested that they be galvanized for maintenance purposes.
- c. **Case 04-03 - Detail (new) - Sub-grade Drain:** Bob Herz, on behalf of Ted Collins, presented a case to install drain pipes in catch basins for draining of the subgrade during construction. Very few of the Agencies use the drain. Even Jeff VanSike, who's detail (Phoenix) was submitted, does not recall the use of the detail within the City of Phoenix. Mesa does allow contractors (their option) to use the drain lines in the catch basins however, the pipes were 4" and not 6" and the material was PVC instead of CMP.
- d. **Case 04-04 - Details 250, 260 and 262 - Driveway Entrances and Alley Entrance.** Bob Herz, on behalf of Ted Collins, presented a case to depress the lip in driveways and alley entrance to zero. The case was generated to eliminate the hazard for bicycles. There was a short discussion as to the 1" dimension on the detail which refers to the back of curb and the 3/4" lip is on the gutter.

5. General Discussion:

- a. Steve Borst is presently working on revising Detail 404. There should be more options available for selection. Also, there are several shortcomings to the detail, e.g., if a plastic pipe is encased in concrete, stress points will be developed at the end of the concrete which could cause a failure in the pipe. He solicited comments from the members, by e-mail, preferably. The most common comment related to the administrative code. Most members are receptive to changes. However, the code must also be changed. Steve will be contacting ADEQ regarding the change in the Code.

- b. Steve answered several questions regarding certifying the installations of water and sewer lines. The questions were first addressed last year. For the last couple of decades or so, ADEQ has required the design engineer to certify the installation of water and sewer lines, but this code has not been enforced. However, the County is now beginning to enforce the code. Steve noted that a number of designers are becoming concerned that their liability will extend to construction, and this is not in their control. Other Engineers have taken advantage of the situation and are offering inspection and survey services. This is not the full case, Steve noted in the case of a water line, the designer will be required to obtain a letter from the surveyor (whoever he may be) that the lines were installed per plan or noted changes and obtain a certification or documentation from the owner or testing lab that the lines have passed the bacteria test and that the lines have been placed in service. This information will then be turned over to the County.
- c. Doug Davis provided a letter from American Ductile Iron Pipe regarding restrained pipe systems. They would like to have their product name placed in the Specifications and is looking for a sponsor. In past discussions, the committee does not maintain a product approval list. The list of restrained joints is becoming as such. Also, in past discussions, the committee discussed changing the restrained joints to generic and eliminating the list of names. The letter from American provides recommendation on how to change the Specifications. Mr. Barge from American provided a brief discussion the two types of mechanisms for restrained joints, positive axial system (metal to metal) and frictional systems.
- d. Paul Ward informed the committee that the 2004 revisions are being printed and will be for sale by this Friday, The cost will be the same as last year.
- e. Paul Ward informed the Committee that he is willing to make any necessary contact with other Agencies for further discussions on the ADA ramps with truncated domes. He is also willing to keep a list of tests each Agency has conducted. The list will contain the type of installation and the location.
- f. Peter Kandarlis asked the committee if any Agency is requiring any special stipulation on 1-sack CLSM, e.g., coloring, special aggregate, etc. None of the Members indicated that they are. Apparently, some of his colleagues are obtaining information in the field that some of the Agencies are placing special requirements and he would like to track it back to the source.

6. Adjournment:

The meeting was adjourned at 3:30 p.m.